

ABSTRACT

A manufacturing method for oral quick-dissolving capsules, includes the steps of: preparing a core liquid that contains a filler material; preparing a shell liquid by having dissolved therein a shell material that includes one or more plasticizer and a shell forming agent; supplying to a multiple nozzle having an inner nozzle and an outer nozzle, and forming multilayer liquid drops by extruding the multilayer liquid drops from the multiple nozzle; hardening the shell liquid by bringing the multilayer liquid drops into contact with a hardening liquid; separating the seamless capsules from the hardening liquid; and drying their surface to form seamless capsules. The seamless capsules have a particle diameter of 1 to 10mm, a mass ratio of shell material to filler material of 5:95 to 70:30, and the amount of added plasticizer is 20 to 70% by mass with respect to the total amount of the shell material, excluding water.